


SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 		ATTY. DOCKET NO.: 7500-0010	SERIAL NO.: 09/694,108
			APPLICANT: Louise Elizabeth Donnelly et al.	
			FILING DATE: October 19, 2000	GROUP: <u>1614</u> Unassigned

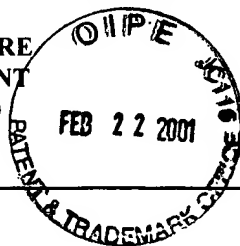
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>CDM</u>	AA	5,411,986	5/2/95	Cho et al.			
↓	AB	5,747,536	5/5/98	Cavazza			
	AC	6,022,901	2/8/00	Goodman			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS		
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, — DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION —
<u>CDM</u>	AD ✓	Ashby et al. (1999), "Partial and Weak Oestrogenicity of the Red Win Constituent Resveratrol: Consideration of its Superagonist Activity in MCF-7 Cells and its Suggested Cardiovascular Protective Effects," <i>J. Appl. Toxicol.</i> <u>19</u> :39-45.
	AE ✓	Barnes et al. (1998), "Transcription Factors and Asthma," <i>Eur. Respir. J.</i> <u>12</u> (1):221-234.
	AF ✓	Bertelli et al. (1995) "Antiplatelet Activity of Synthetic and Natural Resveratrol in Red Wine," <i>Inst. J. Tiss. React.</i> <u>XVII</u> (1):1-3.
	AG ✓	Bertram (1979), "Reduction in the Formation of Carcinogen-Induced Transformed Foci by Penicillin G Sodium in the C3H/10T _{1/2} CL8 Cell Line," <i>Cancer Lett.</i> <u>7</u> :289-298.
	AH ✓	Blackwell et al. (1997), "The Role of Nuclear Factor-κB in Cytokine Gene Regulation," <i>Am. J. Respir. Cell Mol. Biol.</i> <u>17</u> :3-9.
	AI ✓	Bowers et al. (2000), "Resveratrol Acts as a Mixed Agonist/Antagonist for Estrogen Receptors Alpha and Beta," <i>Endocrinology</i> <u>141</u> (10):3657-3667.
	AJ ✓	Cazzola et al. (2000), "Potential Role of Macrolides in the Treatment of Asthma," <i>Monaldi Arch. Chest Dis.</i> <u>55</u> (3):231-236.
	AK ✓	Damianaki et al. (2000), "Potent Inhibitory Action of Red Wine Polyphenols on Human Breast Cancer Cells," <i>Journal of Cellular Biochemistry</i> <u>78</u> :429-441.
	AL ✓	Dweik et al. (1997), "Nitric Oxide Synthase in the Human Airway Epithelium," <i>Acta Pharmacologica Sinica</i> <u>18</u> (6):550-552.
	AM ✓	ElAttar et al. (1999), "Modulating Effect of Resveratrol and Quercetin on Oral Cancer Cell Growth and Proliferation," <i>Anti-Cancer Drugs</i> <u>10</u> :187-193.

EXAMINER SIGNATURE: <u>CDM</u>	DATE CONSIDERED: <u>7.24-02</u>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
7500-0010SERIAL NO.:
09/694,108INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT:
Louise Elizabeth Donnelly et al.FILING DATE:
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Unassigned

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

cm	AN ✓	Frankel et al. (1993) "Inhibition of Human LDL Oxidation by Resveratrol," <i>The Lancet</i> 341:1103-1104.
	AO ✓	Fröde-Saleh et al. (2000), "Synergistic Antiinflammatory Effect of NF- κ B Inhibitors and Steroidal or Non Steroidal Antiinflammatory Drugs in the Pleural Inflammation Induced by Carrageenan in Mice," <i>Inflammation Research</i> 49(7):330-337.
	AP ✓	Gerhäuser et al. (1995), "Retenoids Mediate Potent Cancer Chemopreventive Activity Through Transcriptional Regulation of Ornithine Decarboxylase," <i>Nature Med.</i> 1(3):260-266.
	AQ ✓	Goldberg et al. (1994) "Direct Injection Gas Chromatographic Mass Spectrometric Assay for <i>trans</i> -Resveratrol," <i>Anal. Chem.</i> 66:3959-3963.
	AR ✓	Goldberg et al. (1995), "Direct Gas Chromatographic—Mass Spectrometric Method to Assay <i>cis</i> -Resveratrol in Wines: Preliminary Survey of Its Concentration in Commercial Wines," <i>J. Agric. Food Chem.</i> 43:1245-1250.
	AS ✓	Goldberg et al. (1995) "A Global Survey of <i>Trans</i> -Resveratrol Concentrations in Commercial Wines," <i>Am. J. Enol. Vitic.</i> 46(2):159-165.
	AT ✓	Goldberg et al. (1996) "Method to Assay the Concentrations of Phenolic Constituents of Biological Interest in Wines," <i>Anal. Chem.</i> 68:1688-1694.
	AU ✓	Goodwin (1984), "Immunologic Effects of Nonsteroidal Anti-Inflammatory Drugs," <i>Am. J. Med.</i> 77:7-15.
	AV ✓	Guo et al. (1997), "Interferon γ and Interleukin 4 Stimulate Prolonged Expression of Inducible Nitric Oxide Synthase in Human Airway Epithelium Through Synthesis of Soluble Mediators," <i>J. Clin. Invest.</i> 100(4):829-838.
	AW ✓	Guo et al. (1998), "Characterization of Inducible Nitric Oxide Synthase Expression in Human Airway Epithelium," <i>Environ. Health Perspect.</i> 106(Suppl. 5):1119-1124.
	AX ✓	Guo et al. (2000), "Molecular Mechanisms of Increased Nitric Oxide (NO) in Asthma: Evidence for Transcriptional and Post-Translational Regulation of NO Synthesis," <i>J. Immunol.</i> 164(11):5970-5980.
	AY ✓	Jang et al. (1997) "Cancer Chemopreventive Activity of Resveratrol, a Natural Product Derived from Grapes," <i>Science</i> 275:218-220.
	AZ ✓	Jayatilake et al. (1993), "Kinase Inhibitors From <i>Polygonum Cuspidatum</i> ," <i>J. Nat. Prod.</i> 56(10):1805-1810.
	BA ✓	Jeandet et al. (1991) "The Production of Resveratrol (3,5,4'-Trihydroxystilbene) by Grape Berries in Different Developmental Stages," <i>Am. J. Enol. Vitic.</i> 42 (1):41-46.
	BB ✓	Kawada et al. (1998), "Effect of Antioxidants, Resveratrol, Quercetin, and <i>N</i> -Acetylcysteine, on the Functions of Cultured Rat Hepatic Stellate Cells and Kupffer Cells," <i>Hepatology</i> 27(5):1265-1274.

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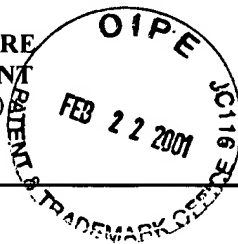
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Cm	BC	Kulmacz et al. (1987), "Cyclo-Oxygenase: Measurement, Purification and Properties," <i>Prostaglandins and Related Substances</i> , IRL Press, Oxford, pp. 209-277.
	BD	Landolph (1985), "Chemical Transformation in C3H 10T _{1/2} C18 Mouse Embryo Fibroblasts: Historical Background, Assessment of the Transformation Assay, and Evolution and Optimization of the Transformation Assay Protocol," <i>Transformation Assay of Established Cell Lines: Mechanisms and Application</i> , T. Kakunaga et al., eds., Oxford Univ. Press, Toronto, pp. 185-199.
	BE	Lee et al. (1994), "Protection of Cell Injury Against Oxidative Stress By Resveratrol," <i>Society for Neuroscience Abstracts</i> 20(2):1648.
	BF	Manna et al. (2000), "Resveratrol Suppresses TNF-Induced Activation of Nuclear Transcription Factors NF- κ B, Activator Protein-1, and Apoptosis: Potential Role of Reactive Oxygen Intermediates and Lipid Peroxidation," <i>J. Immunol.</i> 164(12):6509-6519.
	BG	Mannila et al. (1993), "Anti-Leukaemic Compounds Derived From Stilbenes in <i>Picea Abies</i> Bark," <i>Phytochemistry</i> 33(4):813-816.
	BH	Martinez et al. (2000), "Effect of Resveratrol, a Natural Polyphenolic Compound, on Reactive Oxygen Species and Prostaglandin Production," <i>Biochem. Pharmacol.</i> 59:865-870.
	BI	Misko et al. (1993), "A Fluorometric Assay for the Measurement of Nitrite in Biological Samples," <i>Anal. Biochem.</i> 214:11-16.
	BJ	Mondal et al. (1976), "Two-Stage Chemical Oncogenesis In Cultures of C3H/10T1/2 Cells," <i>Cancer Res.</i> 36:2254-2260.
	BK	Moon et al. (1990), "Retinoid Inhibition of Experimental Carcinogenesis," <i>Chemistry and Biology of Synthetic Retinoids</i> , M.I. Dawson et al., eds., CRC Press, Boca Raton, FL, 501-518.
	BL	Moreno-Mañas. (1985) "Dehydroacetic Acid Chemistry, A New Synthesis of Resveratrole, A Phytoalexine of <i>Vitis Vinifera</i> ," <i>Anal. Quim</i> 81:157-161.
	BM	Newton et al. (1996), "Superinduction of NF- κ B by Actinomycin D and Cycloheximide in Epithelial Cells," <i>Biochem. Biophys. Res. Commun.</i> 218:518-523.
	BN	Pace-Asciak et al. (1995), "The Red Wine Phenolics <i>Trans</i> -Resveratrol and Quercetin Block Human Platelet Aggregation and Eicosanoid Synthesis: Implications for Protection Against Coronary Heart Disease," <i>Clinica Chimica Acta</i> 235:207-219.
C	BO	Pang et al. (2000), "Synergistic Inhibition by β_2 -Agonists and Corticosteroids on Tumor Necrosis Factor- α -Induced Interleukin-8 Release from Cultured Human Airway Smooth-Muscle Cells," <i>Am. J. Respir. Cell Mol. Biol.</i> 23(1):79-85.

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cm	BP	Plescia et al. (1975), "Subversion of Immune System By Tumor Cells and Role of Prostaglandins," <i>Proc. Nat. Acad. Sci., USA</i> <u>72</u> (5):1848-1851.
	BQ	Prochaska et al. (1988), "Direct Measurement of NAD(P)H:Quinone Reductase From Cells Cultured In Microtiter Wells: A Screening Assay for Anticarcinogenic Enzyme Inducers," <i>Anal. Biochem.</i> <u>169</u> :328-336.
	BR	Reznikoff et al. (1973), "Quantitative and Qualitative Studies of Chemical Transformation of Cloned C3H Mouse Embryo Cells Sensitive to Postconfluence Inhibition of Cell Division," <i>Cancer Res.</i> <u>33</u> :3239-3249.
	BS	Shamon et al. (1994), "A Correlative Approach For the Identification of Antimutagens That Demonstrate Chemopreventive Activity," <i>Anticancer Res.</i> <u>14</u> :1775-1778.
	BT	Sharma et al. (1994), "Screening of Potential Chemopreventive Agents Using Biochemical Markers of Carcinogenesis," <i>Cancer Res.</i> <u>54</u> :5848-5855.
	BU	Slowing et al. (1994), "Anti-Inflammatory Activity of Leaf Extracts of Eugenia Jambos in Rats," <i>J. of Ethnopharmacol.</i> <u>43</u> :9-11.
	BV	Soleas et al. (1995), "A Derivatized Gas Chromatographic-Mass Spectrometric Method for the Analysis of Both Isomers of Resveratrol in Juice and Wine," <i>Am. J. Enol. Vitic.</i> <u>46</u> (3):346-352.
	BW	Sporn et al. (1979), "Chemoprevention of Cancer With Retinoids," <i>Federation Proceedings</i> <u>38</u> (11):2528-2534.
	BX	Subbaramaiah et al. (1998), "Resveratrol Inhibits Cyclooxygenase-2 Transcription and Activity in Phorbol Ester-Treated Human Mammary Epithelial Cells," <i>J. Biol. Chem.</i> <u>273</u> (34):21875-21882.
	BY	Suh et al. (1995), "Discovery of Natural Product Chemopreventive Agents Utilizing HL-60 Cell Differentiation as a Model," <i>Anticancer Res.</i> <u>15</u> :233-240.
	BZ	Tardif et al. (1997) "Probucol and Multivitamins in the Prevention of Restenosis After Coronary Angioplasty," <i>The New Eng. J. Medicine</i> <u>337</u> (6):365-372.
	CA	van der Ouderaa et al. (1982), "Purification of PGH Synthase From Sheep Vesicular Glands," <i>Methods Enzymol.</i> <u>86</u> :60-68.
	CB	Wadsworth et al. (1999), "Effects of the Wine Polyphenolics Quercetin and Resveratrol on Pro-Inflammatory Cytokine Expression in RAW 264.7 Macrophages," <i>Biochem. Pharmacol.</i> <u>57</u> :941-949.
	CC	Wattenberg (1993), "Prevention-Therapy-Basic Science and the Resolution of the Cancer Problem: Presidential Address," <i>Cancer Research</i> <u>53</u> :5890-5896.
✓	CD	Wild et al. (1987), "Prostaglandin H Synthase-Dependent Mutagenic Activation of Heterocyclic Aromatic Amines of the IQ-Type," <i>Carcinogenesis</i> <u>8</u> (4):541-545.

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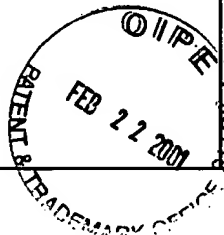
U.S. DEPARTMENT OF COMMERCE
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(37 CFR 1.98(b))



APPLICANT:
Louise Elizabeth Donnelly et al.

FILING DATE:
October 19, 2000

GROUP: *1624*
Unassigned

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

<i>am</i>	CE /	Zenser et al. (1983), "Prostaglandin H Synthase-Catalyzed Activation of Benzidine: A Model To Assess Pharmacologic Intervention of the Initiation of Chemical Carcinogenesis," <i>J. Pharmacol. Exp. Ther.</i> <u>227</u> (3):545-550.
<i>d</i>	CF /	Zhang et al. (1994), "Anticarcinogenic Activities of Sulforaphane and Structurally Related Synthetic Norbornyl Isothiocyanates," <i>Proc. Natl. Acad. Sci., USA</i> <u>91</u> :3147-3150.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/694,108
Filing Date	October 19, 2000
First Named Inventor	Louise Elizabeth Donnelly et al.
Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	7500-0010

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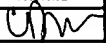
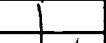

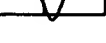
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cm	CG	Miura et al. (1997), "Dietary Considerations for Cancer Prevention," <i>Igaku no Ayumi (Biochemistry of the Dining Table: Series 9)</i> 183(8):530-536 (English translation of abstract only).	X
	CH	Sanders et al. (1997), Occurrence of Resveratrol in Edible Peanuts," <i>Abstracts of Papers (Part 2)</i> , 214th ACS National Meeting 8412-3530-9, American Chemical Society, Sep. 7-11, 1997, AGFD:033.	
	CI	Sharkey et al. (1999), "Initial Serum Ferritin Levels in Patients with Multiple Trauma and the Subsequent Development of Acute Respiratory Distress Syndrome," <i>Am. J. Respir. Crit. Care Med.</i> 159:1506-1509.	

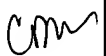
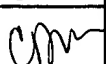
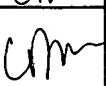
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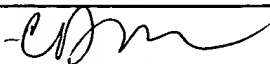
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				Art Unit	1614
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	7500-0010

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
	CJ	EP 1138323 A2	10/4/01	Europe			
	CK	WO 00/13685	3/16/00	PCT			
	CL	WO 00/38620	7/6/00	PCT			
	CM	WO 01/08671	2/8/01	PCT			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	CN	Bertelli et al. (1998), "Modulatory Effect of Resveratrol, a Natural Phytoalexin, on Endothelial Adhesion Molecules and Intracellular Signal Transduction," <i>Pharmaceutical Biology</i> 36(Supp.):44-52.	
	CO	Koh et al. (2001), "Resveratrol Derivatives Showing the Leukotriene D4 Antagonism," <i>Agric. Chem. Biotechnol.</i> 44(1):32-34.	
	CP	Tsuruga et al. (1991), "Biologically Active Constituents of Melaleuca Leucadendron: Inhibitors of Induced Histamine Release from Rat Mast Cells," <i>Chemical and Pharmaceutical Bulletin</i> 39(12):3276-3278, Pharmaceutical Society of Japan.	

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